

SEQUENCE LISTING

<110> Donovan, Stephen

<120> METHODS FOR TREATING INFLAMMATION PAIN

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<140> N/A

<141> 2002-02-21

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<170> PatentIn Ver. 2.1

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<213> Unknown Organism

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<223> Description of Unknown Organism: This fragment is a substance P and is very well known in the art.

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<221> MOD_RES

<222> (10)

<223> Xaa at position 10 is Methionine amide;

<300>

<310> 5891842

<311> 1996-04-12

<312> 1999-04-16

<400> 1

Arg Pro Lys Pro Gln Gln Phe Phe Gly Leu Xaa

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<210> 2

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<213> Unknown Organism

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<223> Description of Unknown Organism: Precursor to substance P, which is very well known in the art.

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<303> J. Neurochem.
<304> 52
<306> 81-92
<307> 1992

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Arg Pro Lys Pro Gln Gln Phe Phe Gly Leu Met Gly
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<223> Description of Unknown Organism: This fragment is
a precursor to substance P and is very well known
in the art.

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<301> Shimonka, et al.
<303> J. Neurochem.
<304> 52
<306> 81-92
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<301> Shimonka, et al.

<303> J. Neurochem.

<304> 52

<306> 81-92

<307> 1992

<400> 4

Arg Pro Lys Pro Gln Gln Phe Phe Gly Leu Met Gly Lys Arg
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<213> Artificial Sequence

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<223> Description of Artificial Sequence: This fragment is a carboxy-ester synthetic precursor to substance P.

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<222> (12)

<223> Xaa at position 12 is Glycine Methyl Ester;

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<303> Eur. J. Biochem.

<304> 114

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<307> 1981

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<303> Pharmacol. Rev.

<304> 35

<306> 86-138

<307> 1983

<300>

<301> Regoli, et al.

<303> TIPS

<304> 9

<306> 290-295

<307> 1988

<400> 5

Arg Pro Lys Pro Gln Gln Phe Phe Gly Leu Met Xaa
1 5 10

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<307> 1983

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<301> Regoli, et al.
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<306> 86-138

<307> 1983

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<301> Regoli, et al.

<303> TIPS

<304> 9

<306> 290-295

<307> 1988

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Arg Pro Lys Pro Gln Gln Phe Phe Gly Leu Met Gly Lys Xaa

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<223> Description of Artificial Sequence: This is a
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<223> Xaa at position 12 is Glycine Ethyl Ester;

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<303> Pharmacol. Rev.

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<306> 86-138

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<307> 1988

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<223> Xaa at position 13 is Lysine Ethyl Ester;

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<303> Pharmacol. Rev.

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<306> 86-138

<307> 1983

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<301> Regoli, et al.

<303> TIPS

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Arg Pro Lys Pro Gln Gln Phe Phe Gly Leu Met Gly Xaa
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<223> Description of Artificial Sequence: This is a
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<223> Xaa at position 14 is Arginine Ethyl Ester;

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<312> 1999-04-16

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<304> 9

<306> 290-295

<307> 1988

<400> 10

Arg Pro Lys Pro Gln Gln Phe Phe Gly Leu Met Gly Lys Xaa
1 5 10

<210> 11

<211> 4

<212> PRT

<213> Unknown Organism

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<223> Description of Unknown Organism: This is a
naturally occurring amino terminal peptide fragment
derived from substance P.

<220>

<221> MOD_RES

<222> (1)..(4)

<223> This sequence is made up by the first four amino
acids of substance P.

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<311> 1996-04-12

<312> 1999-04-16

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<303> Nature

<304> 262

<306> 784-785

<307> 1986

<300>

<303> J. Neurosci.

<304> 10

<306> 1309-1318

<307> 1990

<400> 11

Arg Pro Lys Pro
1

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<212> PRT

<213> Unknown Organism

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<223> Description of Unknown Organism: This is a naturally occurring amino thermal peptide fragment derived from substance P.

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<222> (1)..(7)

<223> This fragment is made up of the first seven amino acids of substance P.

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<222> (1)..(9)

<223> This fragment is made of the first nine amino

acids of substance P.

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Arg Pro Lys Pro Gln Gln Phe Phe Gly

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<213> Artificial Sequence

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<223> Description of Artificial Sequence: This is an analog of substance P

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<223> Xaa at position 2 is D-form of Proline;

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<222> (7)

<223> Xaa in position 7 is D-form of Phenylalanine;

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<222> (9)

<223> Xaa in position 9 is D-form of Tryptophan;

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<223> Xaa in position 11 is Methionine amide;

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<303> Biochem. Pharmacol.
<304> 37
<306> 41-
<307> 1988

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Dam, T.V.
<303> Regulatory Peptides
<304> 22
<306> 18-
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analog of substance P

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<223> Xaa in position 2 is D-form of Proline;

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<223> Xaa in position 7 is D-form of Phenylalanine;

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 <223> Xaa in position 9 is D-form of Tryptophan;

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<223> Xaa in position 9 is D-form of Tryptophan;

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<223> Xaa in position 11 is Methionine amide;

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Dam, T.V.

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<307> 1988

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Arg Xaa Lys Pro Gln Gln Xaa Phe Xaa Leu Xaa

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<223> Description of Artificial Sequence: This is an
analog of substance P

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<223> Xaa in position 2 is D-form of Proline;

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<221> MOD_RES
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<223> Xaa in position 7 is D-form of Tryptophan;

<220>
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<223> Xaa in position 9 is D-form of Tryptophan;

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analog of substance P.

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<223> Xaa at position 11 is Methionine amide;

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Dam, T.V.
<303> Regulatory Peptides
<304> 22
<306> 18-
<307> 1988

<400> 18
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